

1252

G-000-102.90

**COMPREHENSIVE GROUNDWATER
MONITORING PROGRAM RESPONSE TO OEPA
COMMENTS**

08/10/90

DOE-FMPC/OEPA

3

ENCLOSURE

COMPREHENSIVE GROUNDWATER MONITORING PROGRAM
RESPONSE TO OEPA COMMENTS

(1) Comment:

...the list of parameters to be monitored for considered Uranium as the main indicator parameter and lacked many other standard groundwater quality and indicator parameters (i.e., pH, conductivity, temperature, dissolved oxygen, nitrate, chloride, sulfate, TOX, TOC and VOC's). These additional parameters should be added.

Response:

All monitoring wells sampled under the Comprehensive Groundwater Monitoring Program are analyzed for pH, conductivity, dissolved oxygen, and temperature. During the second quarter 1990 round of sampling analyses for nitrate, chloride, sulfate, TOX, TOC, VOC, total and isotopic thorium, and isotopic radium were added to the program for production area wells and down-gradient wells east of the site.

Resolution:

No further action required.

(2) Comment:

Monitoring around the waste pit area should include wells 2004, 3004, and 3005 on a quarterly basis.

Response:

Monitoring wells 2004, 3004, and 3005 were changed from a semi-annual to a quarterly sampling schedule during the second quarter, 1990 round of sampling.

Resolution:

No further action required.

(3) **Comment:**

Till wells encircling the production area(s) should be sampled on a quarterly basis, along with all 2000 series wells. Till wells in the center of the production area plume should be sampled semi-annually to determine if any ongoing sources of contamination exist, and if interim remedial actions are necessary. 3000 and 4000 series wells should be sampled semi-annually.

Response:

Till wells encircling the production area are sampled on a quarterly schedule established during the second quarter, 1990 round of sampling. Till wells in the production plume along with 3000 and 4000 series wells in the production area are sampled on a quarterly schedule established during the second quarter, 1990 round sampling.

Till wells added to the quarterly schedule: 1010, 1013, 1017, 1020, 1039, 1041, 1042, 1053, 1054, 1055, 1064, 1085, 1086, 1090, 1110, 1111, 1112, 1113

3000 and 4000 series wells added to the quarterly schedule: 3020, 3053, 3054, 3064, 4064

Resolution:

No further action required.

(4) **Comment:**

Eastern wells down-gradient of the facility should be sampled semi-annually. 2000 series wells immediately down-gradient of the plant should be sampled quarterly to provide consistency of approaches and early detection.

Response:

Eastern wells down-gradient were sampled on a semi-annual schedule beginning during the second quarter, 1990 round of sampling. Down-gradient 2000 series wells were placed on a quarterly sampling schedule during the second quarter, 1990 round of sampling.

Eastern wells down-gradient added to the semi-annual schedule: 2071, 2091, 2092, 2097, 2098, 3020, 3067, 3070, 3091, 3092, 3097, 3098, 4067, 4091, 4097

2000 series wells immediately down-gradient added to the quarterly schedule : 2064, 2067, 2068

Resolution:

No further action required.

(5) **Comment:**

Rinseate samples should be collected at a frequency of 10% instead of 5%.

Response:

The rate of rinseate sample collection was increased to 10% during the second quarter, 1990 round of groundwater sampling.

Resolution:

No further action required.